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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/981.845
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09/981.845

Filing Date	October 18, 2001
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October 18, 2001

First Named Inventor	Samy Ashkar
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Samy Ashkar

Group Art Unit

104	14
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Examiner Name

~~M. M. Haddad~~

Attorney Docket Number

CMCC 779

Sheet	1	of	
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Foreign Patent Document				Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
Examiner Initials ¹	Cite No. ²	Office ³	Number ⁴	Kind Code ⁵ (if known)				
RD			WO 89/02461		Schering AG	03-23-1989		
			WO 89/07613		Dana-Farber Cancer Inst.	08-24-1989		
			WO 92/22316		Children's Hospital of Philadelphia	12-23-1992		
RB			WO 99/08730		Children's Medical Center Corporation	02-25-1999		
Examinee Signature	Regina M. D'Agostino					Date Considered	8/5/08	

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Application Number	09/981,845
Filing Date	October 18, 2001
First Named Inventor	Samy Ashkar
Group Art Unit	794 10641
Examiner Name	M. M. Haddad
Attorney Docket Number	CMCC 779

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OTHER ART - NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner's Initials	Cite No.	Other Art - Non Patent Literature Documents
RD		ALBREKTSSON, et al., "The Interface Zone of Inorganic Implant <i>In Vivo</i> : Titanium Implants in Bone," <i>Ann. N.Y. Acad. Sci.</i> 1-27 (1983).
		BAGAMBISA, et al., <i>Int. J. Oral Maxillofac. Impl.</i> 5: 217-226, 1994.
		BORYSIEWICZ, et al., "Isoform of human osteopontin in protein," <i>EMBL: XP-002201345</i> , May 14, 1990.
		BOWERS, et al., "Optimization of Surface Micromorphology for Enhanced Osteoblast Responses <i>In Vitro</i> ," <i>Int. J. of Oral and Max. Imp.</i> 7(3): 302-310 (1992).
		BUTLER, "The Nature and Significance of Osteopontin," <i>Connect. Tissue Res.</i> 23(2-3): 123-136 (1989).
		CANTOR, et al., "Recombinant activation protein-1," <i>EMBL: XP-002201347</i> , January 10, 1990.
		GALANTE, et al., "The Biologic Effects of Implant Materials," <i>J. Ortho. Res.</i> 9(5): 760-775 (1991).
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		GROESSNER-SCHREIBER, et al., "Enhanced Extracellular Matrix Production and Mineralization by Osteoblasts Cultured on Titanium Surfaces <i>In Vitro</i> ," <i>J. Cell Sci.</i> 101(1): 209-217 (1992).
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Examiner's Signature	Frederick M. Doby	Date Considered	12/5/03
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Application Number	09/981,845
Filing Date	October 18, 2001
First Named Inventor	Samy Ashkar
Group Art Unit	1644
Examiner Name	M. M. Haddad
Attorney Docket Number	CMCC 779

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OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner's Initials	Cite No.	
NO		MURTY, et al. "Sulfation In Vitro of Mucus Glycoprotein by Submandibular Salivary Gland. Effects of Prostaglandin and Acetylsalicylic Acid." <i>Biochim. Biophys. Acta</i> 966: 287-296 (1988).
		O'NEAL, et al. "Biological Requirements for Material Integration." <i>J. Oral Implantol.</i> 18(3): 243-255 (1992).
		OWEN, et al. "Progressive Development of the Rat Osteoblast Phenotype In Vitro: Reciprocal Relationships in Expression of Genes Associated with Osteoblast Proliferation and Differentiation During Formation of the Bone Extracellular Matrix." <i>J. Cell. Physiol.</i> 143(3): 420-430 (1990).
		PARSEGHIAN, "Molecular Forces Governing Tight Contact Between Cellular Surfaces and Substrates." <i>J. Prost. Dent.</i> 49(6): 838-842 (1983).
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		SENGER, et al. "Adhesive Properties of Osteopontin: Regulation by a Naturally Occurring Thrombin-Cleavage in Close Proximity to the GRGDS Cell-Binding Domain." <i>Mol. Biol. Cell</i> 5(5): 565-574 (1994).
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		SHEN, "Organic Extracellular Matrix Components at the Bone Cell/Substratum Interface." <i>Cells and Materials</i> 3(3): 257-272 (1993).
		SMITH, et al. "Osteopontin N-Terminal Domain Contains a Cryptic Adhesive Sequence Recognized by $\alpha_5\beta_1$ Integrin." <i>J. Biol. Chem.</i> 271(45): 28485-28491 (1996).
		STRAUSS, et al. "Gene Expression During Osteogenic Differentiation in Mandibular Condyles In Vitro." <i>J. Cell. Biol.</i> 110(4): 1369-1378 (1990).
NO		"Synthetic fusion protein SA341/1." <i>EMBL</i> : XP-002201348, April 23, 1993.

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Examiner's Signature	Date Considered
<i>Reino M. N. N. N.</i>	<i>8/5/03</i>

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Application Number

09/981,845

SEP 25 2002

Filing Date

October 18, 2001

First Named Inventor

Samy Ashkar

Group Art Unit

164-1647

Examiner Name

M. M. Hedderley

Attorney Docket Number

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Sheet 4 of 4

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Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

Examiner's Initials	Cite No.	
RNO		TERMINE, "Sequence of human osteopontin II," EMBL: XP-002201346, October 9, 1990.
		UNIYAL, et al., "Patterns of Adsorption of Proteins from Human Plasma onto Foreign Surfaces," <i>Thromb. Haemost.</i> 47(3): 285-290 (1982).
		VAN DIJK, et al., "Evidence that a Non-RGD Domain in Rat Osteopontin is Involved in Cell Attachment," <i>J. Bone Min. Res.</i> 8(12): 1499-1505 (1993).
		WEBER, et al., "Receptor-Ligand Interaction between CD44 and Osteopontin (Eta-1)," <i>Science</i> 271(5248): 509-512 (1996).
		XIANG, et al., "The Effect of Bone Morphogenetic Protein on Osseointegration of Titanium Implants," <i>J. Oral Maxillofac. Surg.</i> 51(60):647-651 (1993).
RNO		ZOHAR, et al., "Single Cell Analysis of Intracellular Osteopontin in Osteogenic Cultures of Fetal Rat Calvarial Cells," <i>J. Cell. Physiol.</i> 170(1):88-100 (1997).

Examiner's
Signature

R. M. Hedderley

Date Examined

10/15/02

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